

PTO/SB/21 (05-03)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/964,810	
	Filing Date	September 28, 2001	
	First Named Inventor	Christopher N. OLSEN	
	Art Unit	3729	
	Examiner Name	Carl J. ARBES	
Total Number of Pages in This Submission	6	Attorney Docket Number	2207/12554

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)  <div>Remarks</div>	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <b>Certificate under 37 CFR 3.73(b) and copies of Assignment and other documents in chain of title</b>
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**RECEIVED****AUG 18 2003****TECHNOLOGY CENTER R3700****SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	KENYON & KENYON by Shawn W. O'Dowd, Reg. No. 34,687
Signature	<i>Shawn O'Dowd</i>
Date	8/14/03

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name			
Signature		Date	

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	09/964,810
Filing Date	September 28, 2001
First Named Inventor	Christopher N. OLSEN
Art Unit	3729
Examiner Name	Carl J. ARBES
Attorney Docket Number	02207/12554

I hereby appoint:

☒ Practitioners at Customer Number

23838

OR

☐ Practitioner(s) named below:Place Customer  
Number Bar Code  
Label here

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☒ The above-mentioned Customer Number.

OR

☐ Practitioners at Customer NumberPlace Customer  
Number Bar Code  
Label here☒ Firm or  
Individual Name

Shawn W. O'Dowd

Address

Kenyon &amp; Kenyon

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ZIP

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Country

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(202) 220-4255

Fax

(202) 220-4201

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

**SIGNATURE of Applicant or Assignee of Record**

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

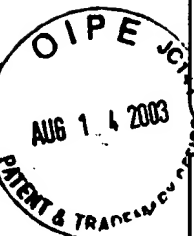
Name	Pam Matlock	Title	Secretary of Patents
Signature	<i>Pam Matlock</i>		
Date	August 12, 2003	Telephone	408/765-1144

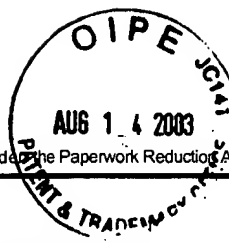
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of one (1) forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**RECEIVED****AUG 18 2003****TECHNOLOGY CENTER R3700**



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Intel Corporation

Application No./Patent No.: 09/964,810

Filed/Issue Date: September 28, 2001

Entitled: METHOD FOR REDUCING MULTILINE EFFECTS ON A PRINTED CIRCUIT BOARD

\_\_\_\_\_, a \_\_\_\_\_  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or  
2. ☐ an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012360, Frame 0353, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

**(NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Pam Matlock August 12, 2003 Pam Matlock  
Date Signature  
(408) 765-1144 Pam Matlock  
Telephone Number Typed or printed name  
Secretary of Patents  
Title

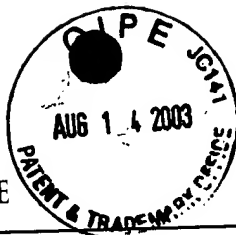
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PATENT AND  
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FEBRUARY 05, 2002

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ANTONELLI TERRY STOUT & KRAUS, LLP  
DAVID C. OREN  
1300 NORTH 17TH STREET  
SUITE 1800  
ARLINGTON, VA 22209

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
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\*101918435A\*

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/11/2001

REEL/FRAME: 012360/0353  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
OLSEN, CHRISTOPHER N.

DOC DATE: 11/20/2001

ASSIGNEE:  
INTEL CORPORATION  
2200 MISSION COLLEGE BLVD.  
M/S: SC4-202  
SANTA CLARA, CALIFORNIA 95052

SERIAL NUMBER: 09964810  
PATENT NUMBER:

FILING DATE: 09/28/2001  
ISSUE DATE:

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MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

12-17-2001



101918435

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U.S. Patent and Trademark Office

2-11-01

To the Honorable Commissioner

1. Name of conveying party(ies):  
**OLSEN, CHRISTOPHER N.**

Additional name(s) of conveying party(ies) attached ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: **November 20, 2001.**

2. Name and address of receiving party(ies)

Name: **INTEL CORPORATION**  
Internal  
Address: **M/S: SC4-202**  
Street Address: **2200 Mission College Blvd.**  
City: **Santa Clara** State: **CA** Zip: **95052**  
☐ Other

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s): **09/964,810**

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Antonelli, Terry, Stout & Kraus, LLP**

Internal Address:

**1300 North Seventeenth Street  
Suite 1800  
Arlington, VA 22209  
USA**

City: State: Zip:

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... **\$40.00**

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

**01-2135**

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

**David C. Oren**

Reg. No. 38,694

**12/11/2001**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

Mall documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

12/13/2001 AGDITOM 00000053 09964010

02 FC:581

40.00 DP

# **ASSIGNMENT**

(For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Christopher N. OLSEN, the undersigned, hereby sell, assign, and transfer to INTEL CORPORATION a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, SC4-202 Santa Clara, CA 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed September 28, 2001 and assigned Application No. 09/964,810 and is entitled METHOD FOR REDUCING MULTILINE EFFECTS ON A PRINTED CIRCUIT BOARD, and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

<u>Nov 20</u> , 20 <u>01</u> Date	<u>Chris Olsen</u> Name: Christopher N. OLSEN
_____, 20____ Date	_____ Name:
_____, 20____ Date	_____ Name:
_____, 20____ Date	_____ Name:
_____, 20____ Date	_____ Name:
_____, 20____ Date	_____ Name:

**Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:**

<u>Nov 20</u> , 20 <u>01</u> Date
_____, 20____ Date
_____, 20____ Date
_____, 20____ Date
_____, 20____ Date
_____, 20____ Date

State of: \_\_\_\_\_  
County of: \_\_\_\_\_

} Assignment Document Return Address:  
} SS. ANTONELLI, TERRY, STOUT & KRAUS, LLP  
} 1300 N. Seventeenth St., Suite 1800  
Arlington, VA 22209  
(703) 312-6600; fax (703) 312-6666

On this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_,  
before me, \_\_\_\_\_, the undersigned Notary Public,  
personally appeared \_\_\_\_\_ [ ] personally  
known to me [ ] proved to me on the basis of satisfactory  
evidence to be the person(s) whose name(s)  
subscribed to the within instrument, and acknowledged that  
\_\_\_\_\_ executed it.

WITNESS my hand and official seal.

Notary's Signature